

APPARATUS FOR EXTRUDING A SAMPLE FROM A  
GYRATORY COMPACTOR MOLD AND ASSOCIATED SYSTEM AND METHOD

ABSTRACT OF THE DISCLOSURE

5           An apparatus adapted to extrude a sample from a mold for a gyratory compactor  
is provided, the mold defining an interior portion and opposed open ends. A platform  
sealingly engages one of the opposed ends of the mold and defines a port extending to the  
interior portion of the mold when the mold is engaged therewith. A piston member is  
disposed in the interior of the mold between the sample and the platform, and is also  
10   movable with respect to the interior of the mold while forming a pressure seal therewith.  
A pressure source is operably engaged with the inlet port and is configured to exert a  
pressure through the inlet port and against the piston member so as to extrude the piston  
member and the sample from the mold through the other of the opposed ends of the mold.  
An associated system and method are also provided.

15